

## Hit List

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**Search Results - Record(s) 1 through 10 of 14 returned.**☐ 1. Document ID: US 20040141702 A1**Using default format because multiple data bases are involved.**

L17: Entry 1 of 14

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040141702

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040141702 A1

TITLE: Dielectric waveguide and method of making the same

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fufluyigin, Vladimir	Medford	MA	US	
Anderson, Emilia	Cambridge	MA	US	
King, Wesley A.	Brighton	MA	US	
Fink, Yoel	Cambridge	MA	US	
Jacobs, Steven A.	Needham	MA	US	
Skorobogatiy, Maksim	Montreal		CA	

US-CL-CURRENT: 385/123; 385/141

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 20040137168 A1

L17: Entry 2 of 14

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040137168

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040137168 A1

TITLE: Dielectric waveguide and method of making the same

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Fufluyigin, Vladimir	Medford	MA	US	

US-CL-CURRENT: 427/571; 427/237, 427/255.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 3. Document ID: US 20040118339 A1

L17: Entry 3 of 14

File: PGPB

Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040118339

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040118339 A1

TITLE: Apparatus and method for fabrication of photonic crystals

PUBLICATION-DATE: June 24, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Papadimitrakopoulos, Fotios	Coventry	CT	US	
Marcus, Harris L	Storrs	CT	US	

US-CL-CURRENT: 117/84

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 4. Document ID: US 20040027646 A1

L17: Entry 4 of 14

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040027646

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040027646 A1

TITLE: PHOTONIC CRYSTALS AND DEVICES HAVING TUNABILITY AND SWITCHABILITY

PUBLICATION-DATE: February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Miller, Robert O.	Bedford	MA	US	
Tsu, David	Auburn Hills	MI	US	

US-CL-CURRENT: 359/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 5. Document ID: US 20030227415 A1

L17: Entry 5 of 14

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030227415  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030227415 A1

TITLE: Photonic crystal exhibiting negative refraction without requiring a negative effective index

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Joannopoulos, John D.	Belmont	MA	US	
Luo, Chiyen	West Roxbury	MA	US	
Johnson, Steven G.	St. Charles	IL	US	
Fink, Yoel	Cambridge	MA	US	

US-CL-CURRENT: 343/754

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 6. Document ID: US 20030049003 A1

L17: Entry 6 of 14

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049003  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030049003 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ahmad, Rokan U.	Medford	MA	US	
Soljacic, Marin	Somerville	MA	US	
Ibanescu, Mihai	Cambridge	MA	US	
Engeness, Torkel	Somerville	MA	US	
Skorobogatiy, Maksim	Brighton	MA	US	
Johnson, Steven G.	Cambridge	MA	US	
Weisberg, Ori	Cambridge	MA	US	
Fink, Yoel	Cambridge	MA	US	
Pressman, Lori	Cambridge	MA	US	
King, Wesley A.	Brighton	MA	US	
Anderson, Emilia	Cambridge	MA	US	
Joannopoulos, John D.	Belmont	MA	US	

US-CL-CURRENT: 385/123; 385/142

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20030044159 A1

L17: Entry 7 of 14

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044159

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030044159 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: March 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Anderson, Emilia	Cambridge	MA	US	
King, Wesley A.	Brighton	MA	US	
Fink, Yoel	Cambridge	MA	US	
Pressman, Lori	Cambridge	MA	US	

US-CL-CURRENT: 385/142; 385/122, 385/123, 385/125, 385/127, 385/144, 65/435

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 20030044158 A1

L17: Entry 8 of 14

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044158

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030044158 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: March 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
King, Wesley A.	Brighton	MA	US	
Anderson, Emilia	Cambridge	MA	US	
Soljacic, Marin	Somerville	MA	US	
Ibanescu, Mihai	Cambridge	MA	US	
Engeness, Torkel	Somerville	MA	US	
Skorobogatiy, Maksim	Brighton	MA	US	
Johnson, Steven G.	Cambridge	MA	US	
Weisberg, Ori	Cambridge	MA	US	
Fink, Yoel	Cambridge	MA	US	
Ahmad, Rokan U.	Medford	MA	US	

Pressman, Lori Cambridge MA US

US-CL-CURRENT: 385/142; 385/123, 385/125, 385/144

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 9. Document ID: US 20030031443 A1

L17: Entry 9 of 14

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030031443

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030031443 A1

TITLE: High index-contrast fiber waveguides and applications

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Soljacic, Marin	Somerville	MA	US	
Ibanescu, Mihai	Cambridge	MA	US	
Engeness, Torkel	Somerville	MA	US	
Skorobogatiy, Maksim	Brighton	MA	US	
Johnson, Steven G.	Cambridge	MA	US	
Weisberg, Ori	Cambridge	MA	US	
Fink, Yoel	Cambridge	MA	US	
Ahmad, Rokan U.	Medford	MA	US	
Pressman, Lori	Cambridge	MA	US	
King, Wesley A.	Brighton	MA	US	
Anderson, Emilia	Cambridge	MA	US	
Joannopoulos, John D.	Belmont	MA	US	

US-CL-CURRENT: 385/125; 385/123, 65/403, 65/435

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 10. Document ID: US 20030030786 A1

L17: Entry 10 of 14

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030030786

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030030786 A1

TITLE: Optical waveguide monitoring

PUBLICATION-DATE: February 13, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shurgalin, Max	Arlington	MA	US	
Fink, Yoel	Cambridge	MA	US	
Johnson, Steven G.	Cambridge	MA	US	
Ibanescu, Mihai	Cambridge	MA	US	

US-CL-CURRENT: 356/73.1; 356/30

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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**Search Results** - Record(s) 11 through 14 of 14 returned.

☐ 11. Document ID: US 20030026570 A1

**Using default format because multiple data bases are involved.**

L17: Entry 11 of 14

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030026570

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030026570 A1

TITLE: Configurable photonic device

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Malsuura, Naomi	Toronto		CA	
Ruda, Harry E.	Toronto		CA	
Yacobi, Ben G.	Mississauga		CA	

US-CL-CURRENT: [385/129](#); [385/15](#), [385/39](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 12. Document ID: US 20020167984 A1

L17: Entry 12 of 14

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020167984

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020167984 A1

TITLE: Compact electrically and optically pumped multi-wavelength nanocavity laser, modulator and detector arrays and method of making the same

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Scherer, Axel	Laguna Beach	CA	US	

US-CL-CURRENT: [372/50](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 13. Document ID: US 6711200 B1

L17: Entry 13 of 14

File: USPT

Mar 23, 2004

US-PAT-NO: 6711200

DOCUMENT-IDENTIFIER: US 6711200 B1

TITLE: Tuneable photonic crystal lasers and a method of fabricating the same

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 14. Document ID: US 5999308 A

L17: Entry 14 of 14

File: USPT

Dec 7, 1999

US-PAT-NO: 5999308

DOCUMENT-IDENTIFIER: US 5999308 A

TITLE: Methods and systems for introducing electromagnetic radiation into photonic crystals

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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## Refine Search

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Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L17

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Tuesday, August 03, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<u>L17</u>	L16 & L15	14	<u>L17</u>
<u>L16</u>	photonic ADJ crystal\$1 SAME (absor\$5 or diffract\$3 or scatter\$3)	404	<u>L16</u>
<u>L15</u>	L14 & L13	18	<u>L15</u>
<u>L14</u>	photonic ADJ crystal\$1 SAME (waveguide\$1 or filter\$3 or multiplexer\$1 or bandgap\$1)	937	<u>L14</u>
<u>L13</u>	L12 & L9	20	<u>L13</u>
<u>L12</u>	photonic ADJ crystal\$1 SAME periodic\$4 SAME dimension\$4	402	<u>L12</u>
<u>L11</u>	L10 & L9	22	<u>L11</u>
<u>L10</u>	photonic ADJ crystal\$1 SAME periodic\$4	682	<u>L10</u>
<u>L9</u>	L8 & L7	25	<u>L9</u>
<u>L8</u>	L1 & L2 & L3	152	<u>L8</u>
<u>L7</u>	L6 & L5 & L4	61	<u>L7</u>
<u>L6</u>	photonic ADJ crystal\$1 SAME (plurality or multiple)	418	<u>L6</u>

<u>L5</u>	photonic ADJ crystal\$1 SAME intensit\$3	134	<u>L5</u>
<u>L4</u>	photonic ADJ crystal\$1 SAME (hole\$1 or rod\$1 or defect\$1 or void\$1)	729	<u>L4</u>
<u>L3</u>	photonic ADJ crystal\$1 SAME dielectric SAME material\$1	332	<u>L3</u>
<u>L2</u>	photonic ADJ crystal\$1 SAME (input\$1 or output\$1 or port\$1 or filter\$3)	507	<u>L2</u>
<u>L1</u>	photonic ADJ crystal\$1 SAME (structure\$1 or lattice\$1 or fiber\$1)	1382	<u>L1</u>

END OF SEARCH HISTORY